

Updated 9/10/625,144

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	216038	((lower\$3 or higher\$3 or low or high) adj resolution) or low-resolution or high-resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 11:59
L2	1879	error near conceal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 11:59
L3	35	1 same L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 11:59
L4	199948	detect\$4 adj2 (error\$3 or fault\$4 or fail\$4 or problem or malfunction or defect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:01
L5	0	3 same 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:01
L6	8	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:40
L7	74	1 and 2 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:40
L8	27	7 and control\$4 and reproduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:41

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L9	24	8 and encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:41
L10	24	9 and decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:40
L11	287	(714/54).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:41
L12	189	(714/747).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:42
L13	37	(714/754).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:45
L14	1531	(714/758).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:45
L15	1	10 and resiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:51
S1	280	(714/54).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:06

EAST Search History

S2	96	kawahara-minoru\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:12
S3	119755	error near detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:12
S4	1783	error near conceal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:13
S5	46	S3 same S4 same record\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:14
S6	2	S5 same control\$4 same reproduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:19
S7	26	S5 and control\$4 and reproduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 12:40
S8	1	S7 and (lower\$4 adj resolution) and resiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 11:40
S9	1	S5 and (lower\$4 adj resolution) and resiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:36

EAST Search History

S10	2	S3 and S4 and (lower\$4 adj resolution) and resiz\$4 and control\$4 and reproduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:34
S11	74	S3 and S4 and control\$4 and reproduct\$4 and ("714"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:34
S12	73	S3 and S4 and control\$4 and reproduct\$4 and ("375"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:35
S13	83	S3 and S4 and control\$4 and reproduct\$4 and ("386"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:35
S14	198	S11 or S12 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:35
S15	176	S14 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:35
S16	176	S15 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:35
S17	170	S16 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:36

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S18	170	S17 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 16:36
S19	0	S18 and (lower\$4 adj resolution) and resiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 14:51

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181 [Statistical geometry representation for efficient transmission and rendering](#)

 Aravind Kalaiah, Amitabh Varshney
April 2005 **ACM Transactions on Graphics (TOG)**, Volume 24 Issue 2

Publisher: ACM Press

Full text available: [pdf\(16.46 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Traditional geometry representations have focused on representing the details of the geometry in a deterministic fashion. In this article we propose a statistical representation of the geometry that leverages local coherence for very large datasets. We show how the statistical analysis of a densely sampled point model can be used to improve the geometry bandwidth bottleneck, both on the system bus and over the network as well as for randomized rendering, without sacrificing visual realism. Our s ...

Keywords: Point-based rendering, network graphics, principal component analysis, programmable GPU, progressive transmission, quasi-random numbers, view-dependent rendering

182 [Matting & deblurring: Coded exposure photography: motion deblurring using fluttered shutter](#)

 Ramesh Raskar, Amit Agrawal, Jack Tumblin
July 2006 **ACM Transactions on Graphics (TOG)**, Volume 25 Issue 3

Publisher: ACM Press

Full text available: [pdf\(591.56 KB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In a conventional single-exposure photograph, moving objects or moving cameras cause motion blur. The exposure time defines a temporal box filter that smears the moving object across the image by convolution. This box filter destroys important high-frequency spatial details so that deblurring via deconvolution becomes an ill-posed problem. Rather than leaving the shutter open for the entire exposure duration, we "flutter" the camera's shutter open and closed during the chosen exposure time with a ...

183 [A wavelet-based neuro-fuzzy system for data mining small image sets](#)

Brendon J. Woodford, Da Deng, George L. Benwell

 January 2004 **Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32 ACSW Frontiers '04**

Publisher: Australian Computer Society, Inc.



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Sun, 10 Sep 2006, 4:01:10 PM EST

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#3	((error concealment<in>metadata) <and> (low resolution<in>metadata))<and> (high resolution<in>metadata)	1
#4	((error concealment<in>metadata) <and> (low resolution<in>metadata))<and> (high resolution<in>metadata)	1
#5	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-resolution<in>metadata)	30
#6	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-resolution<in>metadata)	30
#7	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-resolution<in>metadata)	30
#8	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-resolution<in>metadata)	30
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#10	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-resolution<in>metadata)	30
#11	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-resolution<in>metadata)	30
#12	((error concealment<in>metadata) <and> (decode or encode<in>metadata))<and> (low-resolution or high-	30

EAST Search History

Interference Search
10/625,144

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	77621	error near detect\$4	US-PGPUB; USPAT	OR	ON	2006/09/10 16:13
L2	216038	((lower\$3 or higher\$3 or low or high) adj resolution) or low-resolution or high-resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:14
L3	1879	error near conceal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:14
L4	199948	detect\$4 adj2 (error\$3 or fault\$4 or fail\$4 or problem or malfuction or defect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:15
L5	74	L2 and L3 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:14
L6	27	L5 and control\$4 and reproduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:14
L7	24	L6 and encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:14
L8	24	L7 and decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:14
L9	1	L8 and resiz\$4	US-PGPUB; USPAT	OR	ON	2006/09/10 16:14
L10	1406	error near conceal\$4	US-PGPUB; USPAT	OR	ON	2006/09/10 16:17

EAST Search History

L11	284	(714/54).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/10 16:18
L12	185	(714/747).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/10 16:18
L13	37	(714/754).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/10 16:18
L14	966	(714/758).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/10 16:19
L15	2	5 and (11 or 12 or 13 or 14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:20
L16	2	7 and (11 or 12 or 13 or 14)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/10 16:20